

# PATENT ABSTRACTS OF JAPAN

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## (54) SYSTEM AND METHOD FOR SWITCHING INTER-LAN CONNECTION DEVICE

### (57)Abstract:

**PROBLEM TO BE SOLVED:** To obtain a system for switching an inter-LAN connection device capable of making switching from an active system to a standby system in a WAN side failure and reducing time needed for switching.

**SOLUTION:** The active system and the standby system VoIP routers R1 and R2 are provided with a function for using a VRRP (virtual router redundancy protocol) function to monitor a WAN and switching the active system and the standby system when a failure occurs in the WAN. A function is also provided for always monitoring the state of a preregistered monitoring object network and switching the active system and the standby system by transmitting and receiving a VRRP packet of a priority '0' when a failure occurs in the network. In a sound system network in which the VoIP routers house a PBX (private branch exchange), the state of the monitoring object network is always monitored, and when a failure/recovery occur in the network, an interface for the PBX is shifted to a use disabled/enabled state to switch the active system and the standby system.

